Intelligence Support for JEFX-02 CAOC

31 May 2001

Outline

Introduction

ISR Focus Area Needed Capabilities

Table of ISR Baseline Infrastructure

Introduction

- **Develop advanced systems that can execute Effects-Based Operations in a Time Critical Targeting (TCT) environment**

- **Support ISR management in a reduced Coalition Aerospace Operations Center (CAOC)**

- **Determine approach for sharing information with alliance / selected coalition partners**

C2 of ISR Focus Area Needed Capabilities

- **Capability for ISR Tasking, Processing, Exploitation and Dissemination (TPED) to find, fix, track and target Time Critical Targets by predicting their location, defeating Camouflage, Concealment and Deception (CCD), and providing fused data to decision makers and aircrews which meet 2007 timeliness and accuracy objectives**

- **Capability to plan, direct, monitor, visualize, re-task and cross-cue ISR collection operations in satisfaction of time critical objectives**

C2 of ISR Focus Area Needed Capabilities

- **Capability to develop and produce an effects based targets nomination list and perform effects based post strike assessment**

- **Capability to collect, process, exploit and identify critical nodes in an adversary's C4I and space architectures and assess the threat they represent.**

ISR Baseline Infrastructure

- **The following table depicts infrastructure for baseline, PSAB, and projected JEFX-02 systems**

- **Infrastructure required by initiative provider must be identified**

JEFX 2002 SCI Baseline Systems

System	Acronym	Baseline	PSAB	CAOC-X	JEFX-02	
Joint Deployable Intelligence Support System	JDISS	X	X	X	X	
Information Warfare PC	IWPC			X	x	
Broadsword [with TTA]		W/O TTA	W/O TTA	X	X	
Global Command and Control System	GCCS		CENTCOM		X	
Modernized Integrated Database	MIDB	X	Reach Back	X	Reach Back?	
Image Product Library	IPL	X	X	X	X	
Air Force DoDIIS Infrastructure	AFDI	X		X	X	
Collaborative Tool (E)	CT	X	X	X	X	

B Baseline   **E** Extension **L**   Legacy

JEFX 2002 SCI Baseline Systems

System	Acronym	Baseline	PSAB	CAOC-X	JEFX-02	
Command andControl PC (SCI-COP) (L)	C2PC	X	X	X	X	
MS Exchange Server		X	x	X	X	
Distributed Common Ground Station	DCGS			X	X	
Collection Management Mission Application	CMMA			X	X	
Deployable Transit-Case System	DTS	X	X	X	X	
Generic Area Limitation	GALE-Lite	x	x	X	X	
Environment Lite Electronic Light Table	ELT	X	X	Vitec	X	

| **B** | **Baseline** | **E** | **Extension** | **L** | **Legacy** | **(all IAW the AOC SDIPT systems l** |

JEFX 2002 SCI Baseline Systems

System	Acronym	Baseline	PSAB	CAOC-X	JEFX-02	
MALOLO (SCIF Fish Tools)		X	X	X	X	
Rain Drop (L)		X	X	X	X	
CSP-Smart	CSP	X	X	X	X	
Intelligence Shared Data Server	ISDS	X	X	X	X	
Planning and Decision Aid System	PDAS	X	X	X	X	
Satelite Visualtion Tool		ICSAS	ASSETT	TBD	TBD	

B Baseline   **E** Extension **L** Legacy   (all IAW the AOC SDIPT systems lis

JEFX 2002 SCI Baseline Systems

System	Acronym	Baseline	PSAB	CAOC-X	JEFX-02	
Tactical Receive Suite	TRS	X	X	X	X	
Information Support Server Environment Guard	**ISSE Guard**	X	X	X	V3.3 w/IUA	
UHF for Air Ops Net, Purple Net, NSA Threat Warning Net	**TACSAT**				X	
Plain Old Telephone Service	**POTS**	X	X	X	X	
Secure Telephones	**SCI**	X	X	X	X	
Video Teleconferencing Equipment and Connectivity	**VTC**	X	X	X	X	
Tactical Data Terminal	TDT	TBD	X		X	
Moving Target Information Exploitation- Client	**MTIX**	X		X	X	

Baseline   **E**   **Extension** **L**   **Legacy**   (all IAW the AOC SDIPT systems li